

UTILITY PATENT APPLICATION TRANSMITTAL

(for Noncontinuing, Nonprovisional
Applications under 37 C.F.R. §1.53(b))

Attorney Docket No. 01-766
72202 (6653)

jc997 U.S. PTO

10/033642

01/03/02

Box PATENT APPLICATION)
Commissioner of Patents and Trademarks)
ATTENTION: Assistant Commissioner)
for Patents)
Washington, D.C. 20231)

Sir:)

Transmitted herewith for filing)
under 37 C.F.R. §1.53(b) is the)
nonprovisional, noncontinuing)
patent application for:)

Title: DIRECT CONVERSION WIRELESS RECEIVER)
WITH DIGITAL PHASE EQUALIZATION)

First Named Inventor or)
Application Identifier:)
Hong Kui YANG et al.)

(X) 11 pages of the specification (including claims) are enclosed.

(X) 1 sheet(s) of drawings are enclosed. () Formal (X) Informal

(X) An executed Oath or Declaration and Power of Attorney naming the
actual inventors is enclosed.

() The names of persons believed to be the actual inventors are set forth
in the enclosed unexecuted Oath or Declaration and Power of Attorney
(\$1.41(a) and §1.53(b)).

(X) An Assignment(s) of the invention to LSI LOGIC CORPORATION, and cover
sheet are enclosed. ✓

(X) Please charge \$40.00 for recordation of the Assignment to Deposit
Account No. 12-2252.

(X) A Request and Certification under 35 U.S.C. 122(b)(2)(B)(i) is
enclosed.

() A 37 C.F.R. §3.73(b) Statement is enclosed (where an Assignee seeks
to take action in a matter before the Patent Office).

() An Information Disclosure Statement is enclosed.

() A Form PTO-1449 is enclosed.

() References (copies) listed on the Form PTO-1449 are
enclosed.

- (X) A Return Receipt Postcard is enclosed (MPEP §503).
- () Priority of application number _____ filed on
_____ in _____ is claimed under 35 U.S.C. §119.
- () A certified copy of the priority document is enclosed.
- () A MicroFiche Computer Program (Appendix) is enclosed.
- () A Nucleotide and/or Amino Acid Sequence Submission is enclosed.
- () A Computer Readable Copy is enclosed.
- () A Paper Copy (Identical to Computer Copy) is enclosed.
- () A Statement Verifying Identity of above Copies is enclosed.

(X) The filing fee is calculated below:

Fee Calculation For Claims As Filed

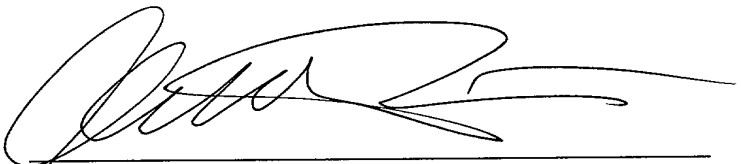
(a) Basic Fee		\$ 740.00
(b) Independent Claims	<u>3</u> - 3 = <u>0</u> x \$ 84.00 = \$	<u>0.00</u>
(c) Total Claims	<u>11</u> - 20 = <u>0</u> x \$ 18.00 = \$	<u>0.00</u>
(d) Fee for Multiply Dependent Claims	\$280.00	\$ _____
Total Filing Fee		\$ <u>740.00</u>

- () A Statement(s) of Status as Small Entity is enclosed, reducing the Filing Fee by half to: \$ _____
- () A check in the amount of \$ _____ to cover the filing fee is enclosed.
- (X) Charge \$740.00 to Deposit Account No. 12-2252.
- () The payment of the Filing Fee is to be deferred until the Declaration is filed. Do not charge our Deposit Account.
- () A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. §1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.

- (X) The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 12-2252. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 12-2252. This sheet is filed in triplicate.

LSI Logic Corporation
1551 McCarthy Blvd. MS D-106
Milpitas, Ca 95035
Telephone: (408) 433-8707
Facsimile: (408) 433-7770

January 3, 2002
(Date)



Charles W. Peterson, Jr.
Registration No. 34,406

Attorney Docket No. 01-766
72202 (6653)
Date: January 3, 2002

Title: DIRECT CONVERSION WIRELESS RECEIVER WITH
DIGITAL PHASE EQUALIZATION

Date _____

under 35 U.S.C. 122(b).

Charles W. Peterson, Jr.
Registration No. 34,406

*If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing **within forty-five (45) days** after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).***

LSI Logic Corporation
1551 McCarthy Blvd., MS D-106
Milpitas, CA 95035
Telephone: (408) 433-8708
Facsimile: (408) 433-7770